

Laboratory Refrigerators

Re-circulating air cooling, automatic defrosting, melt water evaporation, stepless temperature selection



SPEZIAL-282

3 shelves

Capacity	280 Litres
Temperature setting	approx. 0° to + 10° C
Voltage	220 - 240 V, 50/60 Hz
Power draft	150 Watt
Average consumption	1,0 kWh/24 h
Overall dimensions (incl. distance from wall and door handle)	w x d x h = 67 x 70 x 115 cm
Interior dimensions	w x d x h = 53 x 51 x 100 cm (Usable depth top less 5 cm, below less 14 cm)
Overall dimensions with door open at 90°	w x d = 67 x 130 cm
Shelf dimensions	55,3 x 45 cm
Max. loading capacity per drawer/ shelf	16 kg/ 40 kg
Weight	net 59 kg, gross 70 kg

SPEZIAL-432

4 shelves

Capacity	430 Litres
Temperature setting	approx. 0° to + 10° C
Voltage	220 - 240 V, 50 Hz
Power draft	135 Watt
Average consumption	0,9 kWh/24 h
Overall dimensions (incl. distance from wall and door handle)	w x d x h = 74 x 70 x 144 cm
Interior dimensions	w x d x h = 60 x 51 x 130 cm (Usable depth top less 5 cm, below less 14 cm)
Overall dimensions with door open at 90°	w x d = 74 x 137 cm
Shelf dimensions	62,3 x 45 cm
Max. loading capacity per shelf	40 kg
Weight	net 73 kg, gross 85 kg

Outer panels of galvanised sheet steel (protection against sub surface rusting), white, powder coated.

Adjustable feet in front in case of uneven floor.

Interior of impact-resistant white plastic with moulded in shelf guides.

Insulation, 55 mm thick, of high grade pressure-foamed and pro-environmental material. Extra thick for energy saving effect.

Lockable door with plastic magnetic sealing, easy to change. Door does not project at side when opened.

Door hinge changeable (also subsequently), standard version with hinges on right (as illustrated), also deliverable with hinges on left at no surcharge.

Recirculating air cooling by means of a cross flow blower which keeps the temperature constant and reduces the natural temperature stratification. The cross flow blower cuts out automatically when the door is opened, for a minimum loss of cold air.

Defrosting automatically, with thermal and time limit functions.

Melt water evaporation in the compressor area.

Temperature gear by interior thermostat. The temperature is kept automatically, independent of changes in ambient temperatures, provided the ambient temperature is approx. 3°C above the selected interior temperature.

Compressor static ventilated, hermetically enclosed, energy saving, low noise, service friendly, for 220-240 V AC, 50/60 Hz (Spezial-432 for 50 Hz only). Other voltages on request. Length of mains cable app. 1,8 m.

Equipment features at extra charge:

- Additional shelves
- Additional drawers (only for Spezial-282)
- Glass door
- Lock for glass door
- Castors
- Optical and acoustic warning system incl. power failure alarm and interface RS 485
- GSM-Module

Appliances for temp. documentation:

- Pen-recording thermometer for placing loosely inside appliance with waxed paper strips
- PT 100 or PT 1000 sensor for temperature recording and monitoring via EDP system